

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

- 1-42. (Cancelled)
43. (Currently amended) An isolated or recombinant polypeptide that comprises a sialyltransferase polypeptide;
wherein the sialyltransferase polypeptide has α -2,3-sialyltransferase activity, and
wherein the sialyltransferase polypeptide is encoded by an α -2,3-sialyltransferase nucleic acid which is amplified by PCR from a *Campylobacter* genome using a first primer comprising SEQ ID NO:46 and a second primer comprising SEQ ID NO:47.
44. (Previously presented) The isolated or recombinant polypeptide of claim 43; wherein the sialyltransferase polypeptide has α -2,3-sialyltransferase activity and α -2,8-sialyltransferase activity.
45. (Cancelled) The isolated or recombinant polypeptide of claim 43; wherein the sialyltransferase ~~polynucleotide sequence~~ nucleic acid is a *Campylobacter* sialyltransferase polynucleotide sequence.
46. (New) The isolated or recombinant polypeptide of claim 43; wherein the sialyltransferase polypeptide further comprises a tag for purification.